

ABSTRACT OF THE DISCLOSURE

A bidirectional optical communication module capable of precisely controls the location of a reflective surface of the reflector is disclosed. The module includes: an input waveguide for inputting an optical signal; a reflector including a reflective groove
5 formed by a photolithography process such that the groove is extended from one end surface of the bidirectional optical communication module to a connection waveguide, and a reflective layer formed on a base surface formed in the reflective groove so as to reflect the optical signal inputted from the input waveguide; and an output waveguide for outputting the optical signal reflected by the reflector. The connection waveguide is
10 configured to transmit the optical signal inputted from the input waveguide to the reflector and output the optical signal reflected by the reflector to the output waveguide.